

XR Series Rim Fire Rifles (Cont'd.)Chronology Of Investigation (Cont'd.)

2. A basic objective was the economies of manufacturing a bolt action series, and a lever-slide-autoloading series from a common design. There were several approaches studied between dropping the molded laminated wood stock to do this and the Model 514 approach (Step 3 below) which would not do it but offered other manufacturing economies. These approaches were not reported to the Committee in detail since several were unsuccessful steps in a progression to what was at the time believed to be a successful approach. They are recorded here to complete the chronology.
 - A. A Model 760 locking system in a one piece stock was investigated. It was abandoned due to not attaining the cost objectives in the bolt action design, though the lever-slide-autoloader series looked favorable.
 - B. A study to combine the Model 550 autoloader action and Model 510 bolt action was unsuccessful due to poor economics.
 - C. Though not applicable to a bolt action series, a design was conceived of nylon inserts in a steel receiver cover. (This is similar to the receiver process being investigated by ERD of steel inserts in a steel receiver cover.) The economics appear favorable and R & D plans to investigate this concept more thoroughly after the bolt action rim fire development is completed.
3. A complete line of bolt action rifles was projected in February, 1964 based on the Model 514. The Model 514 is the lowest cost design Remington ever produced. It was felt this rifle could be easily and inexpensively adapted to clip and tubular feed. Economics presented in February indicated profit margins equal to and better than the center fire bolt action line.